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PTO/SB/08A (08-00)

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/883,196
Filing Date	June 19, 2001
First Named Inventor	Ben HITT
Group Art Unit	2121
Examiner Name	Joseph P. Hirl
Attorney Docket Number	CORR-001/01US


Sheet	1	of	4
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
H	12		WO 00/55628	A1	Oxford Glycosciences	09-21-2000	
H	13		WO 99/58972	A1	Tsipouras, Petros	11-18-1999	
H	14		WO 00/49410	A3	The Government Of the United States of America as represented by the Secretary of the Department of Health and Human Services	08-24-2000	
H	15		WO 99/47925	A2	Oxford Glycosciences	09-23-1999	
H	16		WO 99/41612		Oxford Glycosciences	08-19-1999	
H	17		WO 93/05478	A1	Becton, Dickinson & Company	03-18-1993	

Examiner Signature		Date Considered	3/10/4
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¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

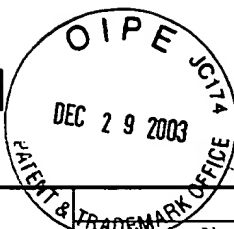
⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/883,196
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Sheet	2	Of	4	Attorney Docket Number	CORR-001/01US

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
H	18	Loging, TW et al., "Identifying Potential Tumor Markers and Antigens by Database Mining and Rapid Expression Screening," Genome Research, 10(9):1393-402 (September 2000)	
H	19	Krishnamurthy, T. et al. "Detection of Pathogenic and Non-Pathogenic Bacteria by Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry," Rapid Comms. in Mass Spectrometry, Vol 10, 883-888 (1996)	
H	20	Adam, B-L et al., "Serum Protein Fingerprinting Coupled with a Pattern-matching Algorithm Distinguishes Prostate Cancer from Benign Prostate Hyperplasia and Healthy Men," Cancer Research 62, 3609-3614 (July 1, 2002).	
H	21	Li, J. et al. "Proteomics and Bioinformatics Approaches for Identification of Serum Biomarkers to Detect Breast Cancer," Clinical Chemistry 48:8, 1296-1304 (2002).	
H	22	Petricion III, E.F. et al., "Use of proteomic patterns in serum to identify ovarian cancer," The Lancet, Vol. 359, 572-577 (February 16, 2002).	
H	23	Brown, M.P.S. et al. "Knowledge-based analysis of microarray gene expression data by using support vector machines," PNAS Vol. 97, No. 1, pp. 262-267 (January 4, 2000).	
H	24	Kiem, H. & Phuc, D, "Using Rough Genetic and Kohonen's Neural Network for Conceptual Cluster Discovery in Data Mining," New Directions in Rough Sets, Data Mining and Granular-Soft Computing. International Workshop, RSFDGRC Proceedings, pp. 448-452 (November 9, 1999).	
H	25	Chang, E.I et al., "Using Genetic Algorithms to Select and Create Features for Pattern Classification," IJCNN International Joint Conf. on Neural Networks, pp. III-747 to III-752 (January 8, 1991).	
H	26	Rosty C. et al., "Identification of Hepatocarcinoma-Intestine-Pancreas/Pancreatitis-associated Protein I as a Biomarker for Pancreatic Ductal Adenocarcinoma by Protein Biochip Technology," Cancer Research 62:1868-75 (March 15, 2002).	
H	27	Claydon, M.A., "The rapid identification of intact microorganisms using mass spectrometry," Nature Biotech. 14:1584-1586 (November 1996).	
H	28	Bittl, J.A., "From Confusion to Clarity: Direct Thrombin Inhibitors for Patients with Heparin-Induced Thrombocytopenia," Cath. and Cardio. Interventions 52:473-475 (2001).	

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Sheet	3	Of	4	Technology Center 2100	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
H	29	Paweletz, C.P., "Rapid Protein Display Profiling of Cancer Progression Directly from Human Tissue Using a Protein Biochip, Drug Development Research 49:34-42 (2000).	
H	30	Ciphergen European Update, 1:1-4 (2001).	
H	31	Kohonen, T. "Self Organizing Maps (Springer 2001), pp. 1-70.	
H	32	Jun Zhang, <i>Dynamics and Formation of Self-Organizing Maps</i> , in "Self-Organizing Map Formation: Foundations of Neural Computation," pp. 55-67 (Klaus Obermayer & Terrence J. Sejnowski eds.)	
H	33	Kohonen, T. "Self-Organization and Associative Memory" (Springer 1988), pp. 30-67.	
H	34	Holland, J.H., "Adaption in Natural and Artificial Systems: An Introductory Analysis with Applications to Biology, Control, and Artificial Intelligence" (MIT Press 2001), pp. 1-31; 89-119.	
H	35	Claydon et al. "The Rapid Identification of Intact Microorganisms Using Mass Spectrometry," Nat. Biotechnol. Nov. 1996, Abstract (1 page).	
H	36	Yao et al. "Evolving Artificial Neural Networks for Medical Applications." Proc. of the First Korea-Australia Joint Workshop on Evolutionary Computation, September 1995, pp. 1-16.	
H	37	Goodacre et al. "Rapid Identification of Urinary Tract Infection Bacteria using Hyperspectral Whole-Organism Fingerprinting and Artificial Neural Networks," Microbiology, Vol. 144, 1998, pp. 1157-70.	
H	38	Pei et al. "Feature Extraction Using Genetic Algorithms," Proceedings of the First International Symposium on Intelligent Data Engineering and Learning, IDEAL '98, Springer, Hong Kong, October 1998, pp. 371-84.	
H	39	Jain et al. "Statistical Pattern Recognition: A Review," IEEE Trans. on Pattern Analysis and Machine Intelligence, Vol. 22, No. 1, January 2000, pp. 4-37.	

Examiner Signature		Date Considered	3/10/04
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